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Baiying Liu* (liu@ias.edu), School of Mathematics, Institute for Advanced Study, Princeton, NJ 08540. *On the local converse theorem for p -adic GL_n .*

In this talk, I will introduce my joint work with Prof. Herve Jacquet on a complete proof of a standard conjecture on the local converse theorem for generic representations of $GL_n(\mathbb{F})$, where \mathbb{F} is a non-archimedean local field. (<http://arxiv.org/abs/1601.03656>) (Received February 04, 2016)